Listing of Claims:

Claims 1 - 6. (cancelled)

Claim 7. (currently amended) An oven door locking mechanism comprising:

a clutch mechanism comprising a thermally responsive element, a clutch, and a lock member; and

a first spring in contact with said lock member,

wherein said lock member defines a first side of said clutch as a keyed aperture, said keyed aperture is engaged with said thermally responsive element,

whereby the oven door locking mechanism locks and unlocks an oven door at substantially different temperatures and wherein said thermally responsive element defines a second side of said clutch as a slot, said slot in engagement with said keyed aperture.

Claim 8. (original) The oven door locking mechanism of claim 7, wherein the keyed aperture comprises an annular recess.

Claim 9. (original) The oven door locking mechanism of claim 7 wherein said lock member has a first end and a second end, said first end defines said keyed aperture.

Claim 10. (cancelled)

Claim 11. (original) The oven door locking mechanism of claim 7 wherein said first spring encompasses said lock member.

Claim 12. (currently amended) The oven door locking mechanism of claim [[10]] 7 wherein said slot is elongated.

Claim 13. (original) The oven door locking mechanism of claim 7 further comprising:

a latch mechanism defining a lock hole adapted to receive said lock member; and

a mounting bracket wherein said first spring is affixed to said mounting bracket.

Claim 14. (currently amended) The oven door locking mechanism of claim [[10]] 7 wherein said thermally responsive element is a bimetallic leaf secured at a first end and defining said slot at a second end.

Claim 15. (original) The oven door locking mechanism of claim 13 wherein said lock hole comprises a receiver member.

Claim 16. (original) The oven door locking mechanism of claim 15 wherein said receiver member is a bushing.

Claim 17. (original) An oven door locking mechanism comprising:

a clutch;

a thermally responsive element defining a second side of said clutch as a slot;

a lock member defining a first side of said clutch as a recess, said recess is engaged with said slot;

a latch mechanism defining a lock hole adapted to receive said lock member at end opposite said recess, said lock hole comprises a bushing; and

a mounting bracket comprising a first spring, said first spring encompasses said lock member.

Claims 18 - 23. (cancelled)

Claim 24. (New) An oven door locking mechanism comprising:

a clutch mechanism comprising a thermally responsive element, a clutch, and a lock member;

a first spring in contact with said lock member,

wherein said lock member defines a first side of said clutch as a keyed aperture, said keyed aperture is engaged with said thermally responsive element,

a latch mechanism defining a lock hole comprising a receiver member adapted to receive said lock member; and

a mounting bracket wherein said first spring is affixed to said mounting bracket,

whereby the oven door locking mechanism locks and unlocks an oven door at substantially different temperatures.